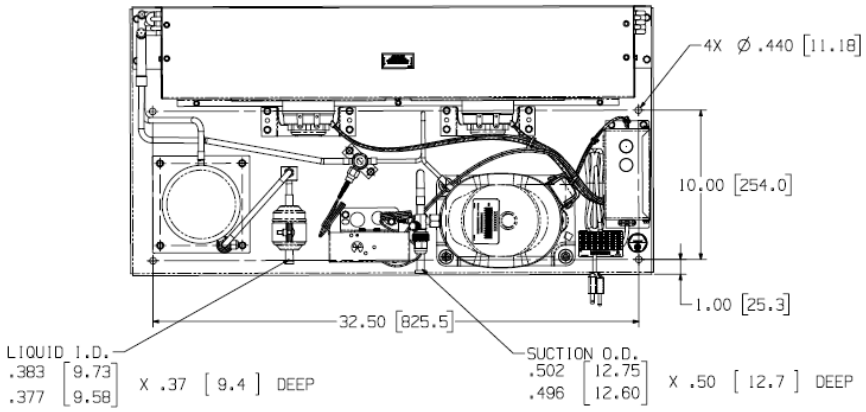
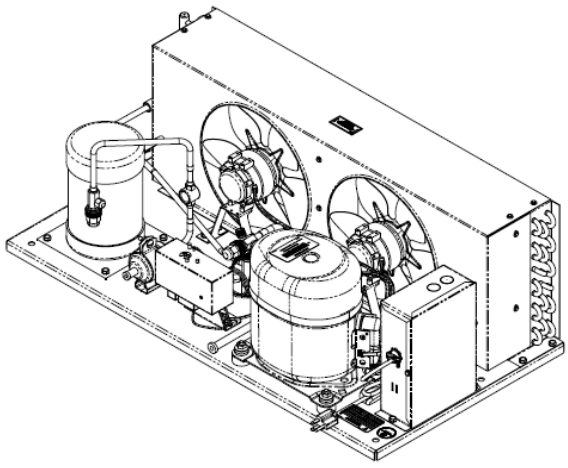
December 19, 2013
Revision: Rel

Tecumseh Compressor Company
Indoor Condensing Units

Model: AKA9473ZXDXC **BoM: 2B1182-1** **R-404A** **0.92 HP** **AIRCOOLED**





Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AKA9473ZXDXC	35.0	18.0	12.0	10.15	1/2" S	3/8" S	7.30 lbs	800	38.5	---
* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting										

		Ambient Temperatures											
Evaporator T		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
-10	23.2	4053	856	90	3482	864	99	2946	836	108	2446	826	117
-5	28.1	4634	911	91	4013	906	100	3428	902	109	2880	898	118
0	32.8	5266	964	92	4591	966	101	3653	967	110	3354	969	119
5	37.9	5941	1016	94	5210	1023	103	4517	1031	112	3863	1038	120
10	43.3	6657	1067	96	5866	1080	104	5114	1093	113	4402	1106	122
15	49.1	7406	1116	97	6553	1135	106	5739	1154	114	4964	1173	123
20	55.5	8182	1164	99	7263	1189	108	6384	1213	116	5544	1238	125
25	62.2	9451	1243	100	8463	1275	109	7513	1308	118	6600	1341	126
30	69.5	10320	1291	102	9262	1330	111	8241	1369	119	7258	1408	128
35	77.2	11197	1338	104	10067	1383	113	8973	1428	121	7915	1473	130
40	85.5	12075	1384	106	10869	1435	115	9700	1486	123	8565	1538	132
45	94.3	12866	1435	108	11660	1486	117	10411	1543	125	9195	1601	133

60 Hz Performance

Return gas temp. 40°F Evaporator Temp. 20°F or less, 5°F sub-cooling
Return gas temp. 65°F for Evaporator Temp. > 20°F, 5°F sub-cooling

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Specifications/ Parts:

Model	AKA9473ZXDXC
Unit Bill of Material	2B1182-1
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	-10° to 45°F
Design Pressure Low	181
Design Pressure High	450
Voltage Range	103 to 127
Min. Circuit Ampacity	8.9
Max. Fuse Size (amps)	15
Compressor Model	AKA9462ZXD
Comp. Bill of Material	AK172ET-038-P21
Compressor RLA/LRA	6.8 / 34
Overload	8300MRAG33
Relay	820ARR3C46
Run Capacitor	85PR370E36
Run Capacitor Rating	15MFD 370V(M) VDE
Start Capacitor	85685
Start Capacitor Rating	72-88 MFD 330V VDE
Contactor	N/A
Unit Drawing	DGU1909-121
Wiring Diagram	91267-01

Fan Motor	810-10007 (2)
Fan Motor RLA	0.4 Each
Fan Blade	515-10004 (2)
Fan Guard	570-10000 (2)
Fan Shroud	707-10000
Dual Pressure Control	14955206
Condenser	506-10005
Receiver Tank with Valve	510-10003
Liquid Filter	70081
Sight Glass	70084
Suction Valve	31582-1
Rotolock Valve Gasket	30233
Discharge Valve	56630-A
Suction Filter *	N/A
Accumulator *	N/A
Crankcase Heater	N/A
Defrost Timer *	N/A
* = Equipped Units Only	

Electrical Diagram